

Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF
COMMERCE
PATENT AND
TRADEMARK OFFICE

ATTY. DOCKET NO.

003388.P001C

SERIAL NO.

09/511,645

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Paul Carl Kocher

FILING DATE

2/22/2000

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2131

Not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AD	4 8 8 1 2 6 4	11/14/1989	Merkle	380	25	7/30/1987
AD	5 2 3 1 6 6 6	7/27/1993	Matyas	380	25	4/20/1992
AD	5 4 3 4 9 1 9	7/18/1995	Chaum	380	30	1/11/1994
AD	5 4 2 0 9 2 7	5/30/1995	Micali	380	23	2/1/1994
AD	R E 3 4 9 5 4	5/30/1995	Haber, et al.	380	49	11/22/1993
AD	5 4 1 6 8 4 2	5/16/1995	Aziz	380	30	6/10/1994
AD	5 4 0 6 6 2 8	4/11/1995	Beller, et al.	380	21	8/2/1993
AD	5 3 8 0 0 4 7	1/10/1995	Molee, et al.	283	86	6/16/1993
AD	4 4 0 5 8 2 9	9/20/1983	Rivest, et al.	178	22.1	12/14/1977
AD	5 7 7 4 5 5 2	6/30/1998	Grimmer	380	25	12/13/1995
AD	5 7 8 1 6 2 9	7/14/1998	Haber, et al.	380	23	2/21/1997

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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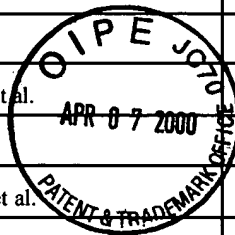


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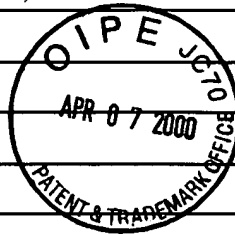
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U.S. PATENT DOCUMENTS

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AD	4 6 6 1 6 5 8	4/28/1987	Matyas	380	25	2/12/1985
AD	5 7 8 7 1 7 5	7/28/1998	Carter	380	25	10/23/1995
	5 2 2 4 1 6 3	6/29/1993	Gasser, et al.	380	39	9/28/1990



FOREIGN PATENT DOCUMENTS

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AD	5 5 9 9 4 3 1	12/16/1997	Van Oorschot, et al.	380	30	11/13/1995
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AD	5 5 5 7 3 9 0	8/12/1997	Elgamal, et al.	380	49	8/25/1995
AD	4 8 7 9 7 4 7	11/7/1989	Leighton, et al.	380	23	3/21/1988
AD	5 5 1 5 2 6 9	3/25/1997	Micali	380	49	2/22/1996
AD	5 5 2 9 9 8 2	5/13/1997	Micali	380	30	8/20/1996
AD	5 0 1 6 2 7 4	5/19/97 11/8/1988	Micali, et al.	380	23	11/8/1988
AD	5 8 1 5 6 5 8	5/19/97 9/12/1995	Micali	380	30	4/19/1993
AD	5 8 5 1 3 0 2	9/27/1994	Leighton, et al.	380	30	5/26/1993
AD	4 9 4 4 0 0 9	7/24/1990	Micali, et al.	380	46	2/25/1988
AD	4 9 9 5 0 8 1	2/19/1991	Leighton, et al.	380	23	11/6/1989

FOREIGN PATENT DOCUMENTS

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AD	9 7 1 6 9 0 5	5/9/1997	PCT	H04L	9/32		
AD	9 7 2 6 7 2 8	7/24/1997	PCT	H04L			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AD		Schneier, B., "Applied Cryptography, Second Edition," Published by John Wiley & Sons, Inc. 1996, Chapters 2, 5, 8 and 24.
AD		Linn, J., Network Working Group, Request for Comments: 1421, "Privacy Enhancement for Internet Electronic Mail: Part 1: Message Encryption and Authentication Procedures," (Feb 1993) 30 pgs.
AD		Kent, S., Network Working Group, Request for Comments: 1422, "Privacy Enhancement for Internet Electronic Mail: Part 2: Certificate-Based Key Management," (Feb 1993) 24 pgs.
AD		Balenson, D., Network Working Group, Request for Comments: 1423, "Privacy Enhancement for Internet Electronic Mail: Part 3: Algorithms, Modes, and Identifiers," (Feb 1993) 11 pgs.

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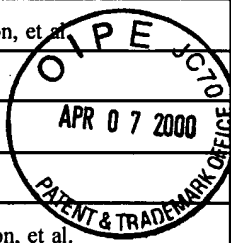
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Form PTO-1449 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 003388.P001C		SERIAL NO. 09/511,645	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Paul Carl Kocher			
				FILING DATE 2/22/2000		GROUP 2131 Not yet assigned	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENTNUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AD		5 2 7 6 7 3 7	1/1994 9/12/1993	Micali	380	30	4/20/1992
AD		5 5 1 9 7 7 8	5/21/1996	Leighton, et al.	380	30	9/26/1994
AD		5 4 3 2 8 5 2	7/11/1995	Leighton, et al.	380	30	8/29/1993
AD		5 4 9 9 2 9 6	3/12/1996	Micali	380	23	8/22/1994
AD		5 5 3 7 4 7 5	7/16/1996	Micali	380	30	2/1/1994
AD		5 5 9 4 9 2 1	1/14/1997	Pettus	395	831	12/17/1993
AD		5 5 6 4 1 8 4	9/2/1997	Ferguson, et al.	395	614	11/29/1995
AD		5 2 0 2 9 8 6	4/13/1993	Nickel	395	600	9/28/2089
AD		5 4 1 6 8 4 2	5/16/1995	Aziz	380	30	6/10/1994
AD		5 7 1 2 9 1 4	1/27/1998	Aucsmith, et al.	380	30	9/29/1995
AD		5 5 8 8 0 6 0	12/24/1996	Aziz	380	30	6/10/1994
FOREIGN PATENT DOCUMENTS							
		DOCUMENTNUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AD		Kaliski, B., Network Working Group, Request for Comments: 1424, "Privacy Enhancement for Internet Electronic Mail: Part 4: Key Certificate and Related Services," (Feb 1993) 7 pgs.					
AD		PCT International Preliminary Examining Authority Written Opinion dated 18 Dec 1998.					
AD		Silvio Micali, "Enhanced Certificate Revocation System," Written report prepared for the November 2, 1995, Federal PKI meeting, pgs. 1-4, 7-10					
AD		Santosh Chokhani, "Toward a National Public Key Infrastructure," IEEE Communications Magazine, vol. 32, no. 9, 1 September 1994, pgs. 70-74					
AD		Silvio Micali, "Alternative Approaches to Certificate Revocation," Written report prepared for the September 5-6, 1996 X9FI working group, 28 pages					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 9/26/07			
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Paul Carl Kocher

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENTNUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AD	5 6 6 8 8 7 7	9/16/1997	Aziz	380	30	12/2/1994
AD	5 6 5 9 6 1 6	8/19/1997	Sudia	380	23	7/16/1996
AD	5 6 3 8 4 4 6	6/10/1997	Rubin	380	25	8/28/1995
AD	5 6 6 6 4 1 6	8/9/1997	Micali	380	23	11/16/1995
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AD	5 6 0 4 8 0 4	2/18/1997	Micali	380	25	4/23/1996
AD	5 6 8 7 2 3 5	11/11/1997	Perlman, et al.	380	25	10/26/1995
AD	5 2 6 1 0 0 2	11/9/1993	Perlman, et al.	380	30	3/13/1992
AD	4 8 6 8 8 7 7	8/19/1989	Fischer	380	25	2/12/1988
AD	5 4 3 2 8 5 2	7/11/1995	Leighton, et al.	380	30	9/29/1993
AD	4 8 0 9 5 6 9	1/5/1982	Merkle	178	22.08	9/5/1979

FOREIGN PATENT DOCUMENTS

DOCUMENTNUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AD	1	Ralph C. Merkle, "Secrecy, Authentication and Public Key Systems," UMI Research Press, 1982, Chapter 9
AD	1	Merkle, Ralph C., "Secrecy Authentication and Public Key Systems," A Dissertation submitted to the Dept. of Electrical Engineering and the Committee of Graduate Studies, Stanford Univ., 6/79

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Form PTO-1449 (Modified)

Atty Docket No.:
003388.P001C

Serial No.: 09/511,645

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Paul Carl Kocher

APR 27 2000

Filing Date: 2/22/2000

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Initials		Document No.		Class	Sub-Class	Filing date if appropriate
AD	AA	5,136,647	Haber, et al.	380	49	8/2/90
	AB					
	AC					
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No.		Document No.	Date	Country	Class	Sub-Class	Translation
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

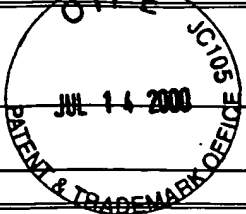
AD	AV	Moni Naor and Kobbi Nissim, "Certificate Revocation and Certificate Update", Dept. of Applied Mathematics and Computer Science, Weizmann Institute of Science, Rehovot 76100 Israel, 12 Pages.
AD	AW	William Aiello, Sachin Lodha, Rafail Ostrovsky, "Fast Digital Identity Revocation (Extended Abstract)", Pages 137-152.
AD	AX	Dave Bayer, Stewart Haber, W Scott Stornetta, "Improving the Efficiency and Reliability of Digital Time-Stamping", Dated March 1992, Pages 329-334.
AD	AY	Mihir Bellare, Oded Goldreich, Shafi Goldwasser, "Incremental Cryptography and Application to Virus Protection", STOC '95, Las Vegas, Nevada, U.S.A 1995 ACM 0-89791-718-9/95/0005, Pages 45-56
AD	AZ	M. Blum, W. Evans, P. Gemmell, S. Kannan, M. Naor, Checking the Correctness of Memories, Algorithmica (1994) 12: 225-244.

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List of Patents and Publications Statement (Use several sheets if necessary)				Applicant: Paul Carl Kocher			
				Filing Date: 2/22/00			

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Examiner Initials	Document No.	Class	Sub-Class	Filing date if appropriate		
	AA					
<i>AD</i>	AB 5,475,763	Kaufman et al. 12/1995	380	30	2/28/1994	
<i>AD</i>	AC 5,768,526	Fawcett 6/1998	395	200.59	3/8/1996	
<i>AD</i>	AD 5,625,693	Rohatgi et al. 4/1997	380	23	7/7/1995	
<i>AD</i>	AE 5,754,659	Sprunk et al. 5/1998	380	030	12/22/1995	
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List of Patents and Publications Statement (Use several sheets if necessary)				Applicant: Paul Carl Kocher			
				Filing Date: 2/22/00			

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
Examiner	Class	Sub-Class	Document No.	Filing date if appropriate		
AD			6,097,811	Micali		10/11/1996

FOREIGN PATENT DOCUMENTS							
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Form PTO-1449 (Modified)

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Serial No.: 11,645

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Applicant: Paul Carl Kocher

Filing Date: 2/22/00

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub-Class	Filing date if appropriate
	AA	5,717,758	Micali			12/9/1996
	AB					
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	AQ						
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	AU						

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AD	AV	SPX Guide - A Prototype Public Key Authentication Service, Kannan Alagappan, Joseph Tardo, Digital Equipment Corporation - Draft; May, 1991 (28 pages)
AD	AW	SPX: Global Authentication Using Public Key Certificates, Joseph J. Tardo, Kannan Alagappan, Digital Equipment Corporation (13 pages)
AD	AX	DASS, Distributed Authentication Security Service, Network Working Group, Internet Draft, Charles Kaufman, Digital Equipment Corporation, 12/10/92 (101 pages)
AD	AY	RFC2560 - X.509 Internet Public Key Infrastructure Online Certi; Internet RFC/STD/FYI/BCP Archives; M. Myers, VeriSign; R. Ankney, CertCo; A. Malpani, ValiCert; S. Galperin, My CFO; C. Adams, Entrust Technologies; dated June 1999 (15 pages)
AD	AZ	The Digital Distributed System Security Architecture, Morrie Gasser, Andy Goldstein, Charlie Kaufman, Butler Lampson, Digital Equipment Corp., Reprint from Proceedings of 1989 National Computer Security Conference (13 pages)

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				Filing Date: 2/22/00	

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AD	AV ISO/IEC 9594-8: 1998 Information Technology – Open Systems Interconnection – The Authentication Framework, International Standard (41 pages)
AD	AW FIPS PUB 180-1, U.S. Department of Commerce, Technology Administration, National Institute of Standards and Technology (Supersedes FIPS PUB 180 – May 11, 1993), Secure Hash Standard, Category: Computer Security, April 17, 1995
AD	AX FIPS PUB 186, Federal Information Processing Standards Publication 186, May 19, 1994, Digital Signature Standard (DSS)
AD	AY FIPS PUB 190, Federal Information Processing Standards Publication 190, September 28, 1994, Announcing the Standard for Guideline for the Use of Advanced Authentication Technology Alternatives (50 pages)
	AZ

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